

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. D0540-700410

First Named Inventor or Application Identifier

David J. Hunniford

Express Mail Label No. EV 308898769 US

Date of Deposit November 4, 2003

031088 U.S. PTO  
10/7/03 381  
110403

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Calculation Sheet  
(Submit an original, and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total pages 53]  
[38]- pages description  
[1]- pages abstract  
[ 14]- pages claims [69] - Total claims
4.  Drawing(s) (35 USC 113) [Total sheets 6 ]
5.  Oath or Declaration [Total sheets 2]  
a.  Newly executed (original or copy)  
b.  Copy from prior application  
Serial No.:  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
- If box 5b is checked, the entire disclosure of the prior application from which the oath or declaration is supplied is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.
6.  Application Data Sheet, See 37 CFR 1.76

ADDRESS  
TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R, in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper (identical to computer copy)
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers/cover sheet & documents(s)
10.  37 CFR 3.73(b) Statement  
(when there is an assignee)
  - Power of Attorney
11.  English Translation of Document (if applicable)
12.  Information Disclosure Statement PTO-1449
  - Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Request and Certification Under 35 U.S.C.  
§122(b)(2)(B)(ii)
17.  Other:  
\_\_\_\_\_  
\_\_\_\_\_

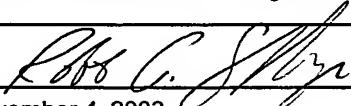
**18. NOTE TO PRACTITIONERS:** If a CONTINUING APPLICATION, supply the requisite priority or continuity information in (1) the body of the application, or in a preliminary amendment, and (2) in an Application Data Sheet under 37 CFR 1.76.

**19. CORRESPONDENCE ADDRESS**

*Correspondence address below*

Customer Number: 37462

**20. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

NAME	Robert A. Skrivanek, Jr., Reg. No. 41,316
SIGNATURE	
DATE	November 4, 2003

Inventor(s): David J. Hunniford  
 Serial No: Not yet assigned  
 Filed: Herewith  
 For: **METHODS AND APPARATUS FOR REDUCING NITRATE  
 DEMANDS IN THE REDUCTION OF DISSOLVED AND/OR  
 ATMOSPHERIC SULFIDES IN WASTEWATER**

CHECK BOX, if applicable:

 **DUPLICATE****Fee Calculation Sheet**

CLAIMS	FOR	NUMBER FILED	NUMBER EXTRA	RATE	Fee
	TOTAL CLAIMS (37 CFR 1.16(c))	69-20=	49 x	\$ 18.00	= \$ 882.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	5-3=	2 x	\$ 84.00	= \$ 168.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +			\$ 280.00	= \$ 0.00
				BASIC FEE (37 CFR 1.16(a))	\$ 750.00
	Fee for Petition for Extension of Time (if any)			\$ 0.00	
	Other Fees (if any)			\$ 0.00	
		Total of above Calculations =		\$ 1800.00	
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)			\$ 0.00	
	Assignment Recordation Fee (if any)			\$ 0.00	
				TOTAL =	\$ 1840.00

1. A check is not enclosed.

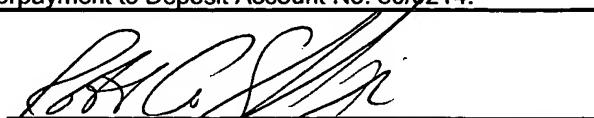
**General Authorization to Charge Deposit Account**The Commissioner is hereby authorized to act in accordance with the boxes checked, below.

2. a.  If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§  1.16 or  1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50/0214.

b.  The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§  1.16  1.17 or  1.18.

**General Request for Extension of Time**

3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due in such paper is in an amount different from any check enclosed with such paper or if no check is enclosed with such paper, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50/0214.



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Date: November 4, 2003